



An aluminum metal-core weld wire, the sheath being aluminum, the metal-core having a composition that contains primarily metallic alloying powders e.g. manganese nitride and/or barium. A method for manufacturing aluminum metal0core wire, the method including depositing a core composition onto strip of aluminum, forming strip of aluminum into a tube containing core composition, and applying an inorganic lube to surface of tube, and drawing tube through reducing dies.

Figure 1 illustrates the experimental design. It shows a sequence of steps: 1. A participant is shown a stimulus (a face). 2. The participant responds (e.g., 'Yes'). 3. The response is recorded. 4. The response is compared to the correct answer. 5. The participant receives feedback (e.g., 'Correct'). 6. The participant is shown the next stimulus. 7. The process repeats for the next trial.